

EXITFLEX®



RUBBER CATALOGUE

INTRODUCTION

Exitflex (UK) Ltd was established in 1985 as the first major European branch for EXITFLEX SA, the leading Swiss manufacturer of tungsten carbide spray tips, paint spray hoses, surface treatment system components and accessories.

Continued demand and strength led to the creation of additional distribution companies for EXITFLEX SA which are now also located in Australia, Germany, Poland, Singapore, Sweden and USA.

EXITFLEX manufactures hose for industrial OEM equipment producers. With a complete parts warehouse, extensive thermoplastic, rubber and PTFE hose stock and years of experience, EXITFLEX can also provide the best service to after-market businesses involved in surface treatment, hydraulic, gas, water jetting and bulk hose supply.

We now offer custom multiple hoses in welded form and private branding of thermoplastic hoses with low minimum order levels.

We are continually extending our product portfolio and now offer the widest range available from one UK company of thermoplastic, rubber and PTFE hoses, industrial surface treatment system components and accessories.

Using our expertise and in-house design, development and engineering facilities we offer a product development and logistics supply to meet the most demanding customer and application criteria.

Please browse this catalogue and our website. If you need any help or advice in choosing the right product for your application please call Exitflex UK Ltd – we look forward to being of service to you.

Additional product catalogues are available for our Thermoplastic and PTFE product ranges, please visit www.exitflex.co.uk to download or contact us to request a copy.

Our full contact details are on the last page of this brochure

www.exitflex.co.uk

We manufacture



We stock



We deliver



The details and information in this catalogue are believed to be correct at time of printing (E&OE). We do however reserve the right to modify product designs and specification if deemed necessary by us. This will normally only be in the interest of improved product performance longevity.

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Application:

MEDIUM Pressure Hydraulic Lines 40 to 260 bar and requiring compact outer diameter.
 For use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural, Construction & Material handling equipment, machinery and systems.

Application Standards:

SAE J517 – 100R1 / EN 853 - 1SN
 Exceeds SAE 100 R1

Construction:

Core: Oil and Water resistant Synthetic rubber
 Reinforcement: Single steel wire braid
 Cover: Black Colour, Synthetic rubber resistant to oil, weather and abrasion.

Temperature Standards:

Continuous: -40°C to + 100°C
 Intermittent: max. +120°C



EF153 – R1AT / 1SN

| part no. | dash size | DN | Hose I.D. (Nom.) | | Hose O.D. (Nom.) | | Working Pressure | | Min. Burst Pressure | | Min. Bend Radius | |
|----------|-----------|----|------------------|------|------------------|------|------------------|------|---------------------|-------|------------------|--------|
| | | | inch | mm | inch | mm | psi | bar | psi | bar | mm | inch |
| | | | EF253-3 | -3 | 5 | 3/16 | 4.8 | 0.47 | 12.0 | 3,800 | 260 | 15,200 |
| EF253-4 | -4 | 6 | 1/4 | 6.4 | 0.53 | 13.5 | 3,200 | 225 | 12,800 | 900 | 100 | 4.00 |
| EF253-5 | -5 | 8 | 5/16 | 8.0 | 0.60 | 15.2 | 3,000 | 215 | 12,000 | 860 | 115 | 4.60 |
| EF253-6 | -6 | 10 | 3/8 | 9.5 | 0.69 | 17.5 | 2,600 | 180 | 10,400 | 720 | 125 | 5.00 |
| EF253-8 | -8 | 12 | 1/2 | 12.7 | 0.80 | 20.2 | 2,300 | 160 | 9,200 | 640 | 180 | 7.20 |
| EF253-10 | -10 | 16 | 5/8 | 16.0 | 0.94 | 23.8 | 1,900 | 130 | 7,600 | 520 | 200 | 8.00 |
| EF253-12 | -12 | 19 | 3/4 | 19.0 | 1.10 | 27.9 | 1,500 | 105 | 6,000 | 420 | 240 | 9.60 |
| EF253-16 | -16 | 25 | 1 | 25.4 | 1.40 | 35.5 | 1,300 | 88 | 5,200 | 352 | 300 | 12.00 |
| EF253-20 | -20 | 32 | 1.1/4 | 31.8 | 1.75 | 44.4 | 900 | 63 | 3,600 | 252 | 420 | 16.80 |
| EF253-24 | -24 | 38 | 1.1/2 | 38.1 | 2.03 | 51.5 | 700 | 50 | 2,800 | 200 | 500 | 20.00 |
| EF253-32 | -32 | 50 | 2 | 50.9 | 2.55 | 64.8 | 600 | 40 | 2,400 | 160 | 630 | 25.20 |

Application:

MEDIUM Pressure Hydraulic Lines 80 to 415 bar and requiring compact outer diameter.
 For use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural, Construction & Material handling equipment, machinery and systems.

Application Standards:

SAE J517 – 100R2 / EN 853 - 2SN
 Exceeds SAE 100 R2

Construction:

Core: Oil and Water resistant Synthetic rubber
 Reinforcement: Double steel wire braid
 Cover: Black Colour, Synthetic rubber resistant to oil, weather and abrasion.

Temperature Standards:

Continuous: -40°C to + 100°C
 Intermittent: max. +120°C



EF154 – R2AT / 2SN

| part no. | dash size | DN | Hose I.D. (Nom.) | | Hose O.D. (Nom.) | | Working Pressure | | Min. Burst Pressure | | Min. Bend Radius | |
|----------|-----------|----|------------------|------|------------------|------|------------------|------|---------------------|-------|------------------|--------|
| | | | inch | mm | inch | mm | psi | bar | psi | bar | mm | inch |
| | | | EF254-3 | -3 | 5 | 3/16 | 4.8 | 0.55 | 14.0 | 6,000 | 415 | 24,000 |
| EF254-4 | -4 | 6 | 1/4 | 6.4 | 0.60 | 15.3 | 5,800 | 400 | 23,200 | 1,600 | 100 | 4.00 |
| EF254-5 | -5 | 8 | 5/16 | 8.0 | 0.65 | 16.5 | 5,050 | 350 | 20,200 | 1,400 | 115 | 4.60 |
| EF254-6 | -6 | 10 | 3/8 | 9.5 | 0.75 | 19.1 | 4,800 | 330 | 19,200 | 1,320 | 130 | 5.20 |
| EF254-8 | -8 | 12 | 1/2 | 12.7 | 0.88 | 22.3 | 4,000 | 275 | 16,000 | 1,100 | 180 | 7.20 |
| EF254-10 | -10 | 16 | 5/8 | 16.0 | 1.00 | 25.5 | 3,600 | 250 | 14,400 | 1,000 | 200 | 8.00 |
| EF254-12 | -12 | 19 | 3/4 | 19.0 | 1.17 | 29.8 | 3,100 | 215 | 12,400 | 860 | 240 | 9.60 |
| EF254-16 | -16 | 25 | 1 | 25.4 | 1.50 | 38.0 | 2,400 | 165 | 9,600 | 660 | 300 | 12.00 |
| EF254-20 | -20 | 32 | 1.1/4 | 31.8 | 1.90 | 48.3 | 1,800 | 125 | 7,200 | 500 | 420 | 16.80 |
| EF254-24 | -24 | 38 | 1.1/2 | 38.1 | 2.15 | 54.5 | 1,300 | 90 | 5,200 | 360 | 500 | 20.00 |
| EF254-32 | -32 | 50 | 2 | 50.9 | 2.65 | 67.2 | 1,150 | 80 | 4,600 | 320 | 630 | 25.20 |

Application:

Low pressure and low impulse hydraulic lines 30 to 110 bar.
For use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural, Construction & Material handling equipment, machinery and systems.

Application Standards:

SAE J517 - 100 R3 / EN 854

Construction:

Core: Oil and Water resistant Synthetic rubber
Reinforcement: Double fibre braid
Cover: Black Colour, Synthetic rubber resistant to oil, weather and abrasion.

Temperature Standards:

Continuous: -40°C to + 100°C
Intermittent: max. +120°C



EF144 – SAE100R3

| part no. | dash size | DN | Hose I.D. (Nom.) | | Hose O.D. (Nom.) | | Working Pressure | | Min. Burst Pressure | | Min. Bend Radius | |
|----------|-----------|----|------------------|------|------------------|------|------------------|------|---------------------|-------|------------------|-------|
| | | | inch | mm | inch | mm | psi | bar | psi | bar | mm | inch |
| | | | EF144-3 | -3 | 5 | 3/16 | 4.8 | 0.47 | 12.0 | 1,600 | 110 | 6,400 |
| EF144-4 | -4 | 6 | 1/4 | 6.4 | 0.53 | 13.5 | 1,300 | 90 | 5,200 | 360 | 75 | 3.00 |
| EF144-5 | -5 | 8 | 5/16 | 8.0 | 0.66 | 16.8 | 1,230 | 85 | 4,920 | 340 | 100 | 4.00 |
| EF144-6 | -6 | 10 | 3/8 | 9.5 | 0.73 | 18.5 | 1,160 | 80 | 4,640 | 320 | 100 | 4.00 |
| EF144-8 | -8 | 12 | 1/2 | 12.7 | 0.91 | 23.1 | 1,010 | 70 | 4,040 | 280 | 125 | 5.00 |
| EF144-10 | -10 | 16 | 5/8 | 16.0 | 1.04 | 26.3 | 870 | 60 | 3,480 | 240 | 140 | 5.60 |
| EF144-12 | -12 | 19 | 3/4 | 19.0 | 1.23 | 31.2 | 800 | 55 | 3,200 | 220 | 150 | 6.00 |
| EF144-16 | -16 | 25 | 1 | 25.4 | 1.46 | 37.0 | 580 | 40 | 2,320 | 160 | 200 | 8.00 |
| EF144-20 | -20 | 32 | 1.1/4 | 31.8 | 1.70 | 43.1 | 440 | 30 | 1,760 | 120 | 250 | 10.00 |

Application:

MEDIUM Pressure Hydraulic Lines 25 to 210 bar.
 For use with petroleum, synthetic or water based fluids in Hydraulic systems. Can also be used in fuel oil, air and water.
 Suitable for Agricultural, Construction & Material handling equipment, machinery and systems.

Application Standards:

SAE J517 - 100 R5

Construction:






Core: Oil and Water resistant Synthetic rubber
 Reinforcement: Single steel wire braid
 Cover: Black Colour, single braid of textile fibre

Temperature Standards:

Continuous: -40°C to + 100°C
 Intermittent: max. +120°C



EF146 – SAE100R5

| part no. | dash size | DN |  | |  | |  | |  | |  | |
|----------|-----------|----|---|------|---|------|--|-----|---|-----|---|-------|
| | | | Hose I.D. (Nom.) | | Hose O.D. (Nom.) | | Working Pressure | | Min. Burst Pressure | | Min. Bend Radius | |
| | | | inch | mm | inch | mm | psi | bar | psi | bar | mm | inch |
| EF146-4 | -4 | 5 | 3/16 | 4.8 | 0.51 | 13.0 | 3,000 | 210 | 12,000 | 840 | 75 | 3.00 |
| EF146-5 | -5 | 6 | 1/4 | 6.4 | 0.58 | 14.7 | 3,000 | 210 | 12,000 | 840 | 85 | 3.40 |
| EF146-6 | -6 | 8 | 5/16 | 8.0 | 0.67 | 17.0 | 2,250 | 155 | 9,000 | 620 | 100 | 4.00 |
| EF146-8 | -8 | 10 | 13/32 | 10.5 | 0.76 | 19.2 | 2,000 | 140 | 8,000 | 560 | 115 | 4.60 |
| EF146-10 | -10 | 12 | 1/2 | 12.9 | 0.91 | 23.1 | 1,750 | 120 | 7,000 | 480 | 140 | 5.60 |
| EF146-12 | -12 | 16 | 5/8 | 16.0 | 1.06 | 27.0 | 1,500 | 105 | 6,000 | 420 | 165 | 6.60 |
| EF146-16 | -16 | 22 | 7/8 | 22.2 | 1.22 | 31.0 | 800 | 55 | 3,200 | 220 | 185 | 7.40 |
| EF146-20 | -20 | 30 | 1.1/8 | 28.6 | 1.49 | 37.8 | 650 | 45 | 2,600 | 180 | 230 | 9.20 |
| EF146-24 | -24 | 35 | 1.3/8 | 35.0 | 1.74 | 44.2 | 500 | 35 | 2,000 | 140 | 265 | 10.60 |
| EF146-32 | -32 | 45 | 1.13/16 | 46.2 | 2.20 | 55.9 | 350 | 25 | 1,400 | 100 | 335 | 13.40 |

Application:

Very low pressure and low impulse hydraulic lines 20 to 35 bar.
For use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural, Stationary equipment and hydraulic systems.

Application Standards:

SAE J517 - 100 R6 / EN 854

Construction:

Core: Oil and Water resistant Synthetic rubber
Reinforcement: Single fibre braid
Cover: Black Colour, Synthetic rubber resistant to oil, weather and abrasion.

Temperature Standards:

Continuous: -40°C to + 100°C
Intermittent: max. +120°C



EF147 – SAE100R6

| part no. | dash size | DN | Hose I.D. (Nom.) | | Hose O.D. (Nom.) | | Working Pressure | | Min. Burst Pressure | | Min. Bend Radius | |
|----------|-----------|----|------------------|------|------------------|------|------------------|------|---------------------|-----|------------------|-------|
| | | | inch | mm | inch | mm | psi | bar | psi | bar | mm | inch |
| | | | EF147-3 | -3 | 5 | 3/16 | 4.8 | 0.44 | 11.1 | 510 | 35 | 2,040 |
| EF147-4 | -4 | 6 | 1/4 | 6.4 | 0.49 | 12.5 | 435 | 30 | 1,740 | 120 | 65 | 2.60 |
| EF147-5 | -5 | 8 | 5/16 | 8.0 | 0.55 | 14.0 | 435 | 30 | 1,740 | 120 | 75 | 3.00 |
| EF147-6 | -6 | 10 | 3/8 | 9.5 | 0.61 | 15.5 | 435 | 30 | 1,740 | 120 | 75 | 3.00 |
| EF147-8 | -8 | 12 | 1/2 | 12.7 | 0.78 | 19.8 | 435 | 30 | 1,740 | 120 | 100 | 4.00 |
| EF147-10 | -10 | 16 | 5/8 | 16.0 | 0.91 | 23.0 | 360 | 25 | 1,440 | 100 | 125 | 5.00 |
| EF147-12 | -12 | 19 | 3/4 | 19.0 | 1.04 | 26.5 | 300 | 21 | 1,200 | 84 | 150 | 6.00 |

Application:

HIGH temperature steam lines at constant pressure of 150 psi

Application Standards:

IS 10655 Type 2 / BS 5342

Construction:

Core: EPDM rubber resistant high temperature steam

Reinforcement: Single steel wire braid

Cover: Black Colour, Synthetic rubber resistant to oil, weather and abrasion.

Temperature Standards:

Up to +185°C



EF471 – Steam 1 W/B

| part no. | dash size | DN | Hose I.D. (Nom.) | | Hose O.D. (Nom.) | | Working Pressure | | Min. Burst Pressure | | Min. Bend Radius | |
|----------|-----------|----|------------------|------|------------------|------|------------------|------|---------------------|-----|------------------|-------|
| | | | inch | mm | inch | mm | psi | bar | psi | bar | mm | inch |
| | | | EF471-6 | -6 | 10 | 3/8 | 9.6 | 0.78 | 19.9 | 150 | 10 | 1,500 |
| EF471-8 | -8 | 12 | 1/2 | 12.8 | 0.97 | 24.6 | 150 | 10 | 1,500 | 100 | 175 | 7.0 |
| EF471-10 | -10 | 16 | 5/8 | 16.1 | 1.10 | 27.9 | 150 | 10 | 1,500 | 100 | 200 | 8.0 |
| EF471-12 | -12 | 20 | 3/4 | 19.2 | 1.25 | 31.7 | 150 | 10 | 1,500 | 100 | 240 | 9.6 |
| EF471-16 | -16 | 25 | 1 | 25.5 | 1.50 | 38.1 | 150 | 10 | 1,500 | 100 | 300 | 12.0 |
| EF471-20 | -20 | 32 | 1.1/4 | 31.8 | 1.85 | 47.1 | 150 | 10 | 1,500 | 100 | 400 | 16.0 |
| EF471-24 | -24 | 38 | 1.1/2 | 38.1 | 2.10 | 53.4 | 150 | 10 | 1,500 | 100 | 500 | 20.0 |
| EF471-32 | -32 | 50 | 2 | 50.8 | 2.62 | 66.5 | 150 | 10 | 1,500 | 100 | 625 | 25.0 |

Application:

HIGH temperature steam lines at constant pressure of 250 psi

Application Standards:

IS 10655 Type 3 / BS 5342

Construction:

Core: EPDM rubber resistant high temperature steam

Reinforcement: Double steel wire braid

Cover: Black Colour, Synthetic rubber resistant to oil, weather and abrasion.

Temperature Standards:

Up to +205°C



EF472 – Steam 2 W/B

| part no. | dash size | DN | Hose I.D. (Nom.) | | Hose O.D. (Nom.) | | Working Pressure | | Min. Burst Pressure | | Min. Bend Radius | |
|----------|-----------|----|------------------|------|------------------|------|------------------|-----|---------------------|-----|------------------|------|
| | | | inch | mm | inch | mm | psi | bar | psi | bar | mm | inch |
| EF472-6 | -6 | 10 | 3/8 | 9.6 | 0.85 | 21.7 | 250 | 17 | 2,500 | 170 | 125 | 5.0 |
| EF472-8 | -8 | 12 | 1/2 | 12.8 | 1.04 | 26.4 | 250 | 17 | 2,500 | 170 | 175 | 7.0 |
| EF472-10 | -10 | 16 | 5/8 | 16.1 | 1.16 | 29.5 | 250 | 17 | 2,500 | 170 | 200 | 8.0 |
| EF472-12 | -12 | 20 | 3/4 | 19.2 | 1.28 | 32.4 | 250 | 17 | 2,500 | 170 | 240 | 9.6 |
| EF472-16 | -16 | 25 | 1 | 25.5 | 1.55 | 39.3 | 250 | 17 | 2,500 | 170 | 300 | 12.0 |
| EF472-20 | -20 | 32 | 1.1/4 | 31.8 | 1.91 | 48.5 | 250 | 17 | 2,500 | 170 | 400 | 16.0 |
| EF472-24 | -24 | 38 | 1.1/2 | 38.1 | 2.17 | 55.1 | 250 | 17 | 2,500 | 170 | 500 | 20.0 |
| EF472-32 | -32 | 50 | 2 | 50.8 | 2.67 | 67.9 | 250 | 17 | 2,500 | 170 | 625 | 25.0 |

Application:

Cleaning lines for hobby and semi-professional machines. High flexibility for use with mineral, glycol, polyglycols oils, synthetic ester based oils, oil in water emulsion, water.

Application Standards:

EN 853 - 1SN

Construction:

Core: Oil and Water resistant Synthetic rubber
Reinforcement: Single steel wire braid
Cover: Synthetic rubber resistant to oil, weather and abrasion.
Colour: Blue/Grey

Temperature Standards:

Continuous: -40°C to + 100°C



EF521 – Jet Wash 1W/B

| part no. | dash size | DN | Hose I.D. (Nom.) | | Hose O.D. (Nom.) | | Working Pressure | | Min. Burst Pressure | | Min. Bend Radius | |
|----------|-----------|----|------------------|------|------------------|------|------------------|-----|---------------------|-----|------------------|------|
| | | | inch | mm | inch | mm | psi | bar | Psi | bar | mm | inch |
| EF521-4 | -4 | 6 | 1/4 | 6.4 | 0.528 | 13.4 | 3,260 | 225 | 13,050 | 900 | 100 | 4.0 |
| EF521-5 | -5 | 8 | 5/16 | 8.0 | 0.591 | 15.0 | 3,115 | 215 | 12,325 | 850 | 115 | 4.6 |
| EF521-6 | -6 | 10 | 3/8 | 9.5 | 0.685 | 17.4 | 2,610 | 180 | 10,440 | 720 | 125 | 5.0 |
| EF521-8 | -8 | 12 | 1/2 | 12.7 | 0.811 | 20.6 | 2,320 | 160 | 9,280 | 640 | 180 | 7.2 |

Application:

Cleaning lines for hobby and semi-professional machines. High flexibility for use with mineral, glycol, polyglycols oils, synthetic ester based oils, oil in water emulsion, water.

Application Standards:

EN 853 - 2SN

Construction:






Core: Oil and Water resistant Synthetic rubber
Reinforcement: Double steel wire braid
Cover: Synthetic rubber resistant to oil, weather and abrasion.
Colour: Blue/Grey

Temperature Standards:

Continuous: -40°C to + 100°C

EF522 – Jet Wash 2W/B



| part no. | dash size | DN |  | |  | |  | |  | |  | |
|----------|-----------|----|---|------|---|------|--|-----|---|-------|---|------|
| | | | Hose I.D. (Nom.) | | Hose O.D. (Nom.) | | Working Pressure | | Min. Burst Pressure | | Min. Bend Radius | |
| | | | inch | Mm | inch | mm | psi | bar | Psi | bar | mm | inch |
| EF522-4 | -4 | 6 | 1/4 | 6.4 | 0.59 | 15.0 | 5,800 | 400 | 23,200 | 1,600 | 100 | 4.0 |
| EF522-5 | -5 | 8 | 5/16 | 7.9 | 0.64 | 16.6 | 5,075 | 350 | 20,300 | 1,400 | 115 | 4.6 |
| EF522-6 | -6 | 10 | 3/8 | 9.5 | 0.75 | 19.0 | 4,785 | 330 | 19,140 | 1,320 | 125 | 5.0 |
| EF522-8 | -8 | 12 | 1/2 | 12.7 | 0.87 | 22.2 | 3,985 | 275 | 15,940 | 1,100 | 180 | 7.2 |

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